



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE
RECEIVED
AUG - 3 1987 7-31-87
OIL CONSERVATION DIVISION
SANTA FE

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

- MC _____
- DHC _____
- NSL ~~2332372~~
- NSP _____
- SWD _____
- WFX _____
- PMX _____

Gentlemen:

I have examined the application for the:

Phillips Pet Co.
East Vacuum *98/84 Ut. Tr. 3202 #17-H* *32-17-35*
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

Yours very truly,

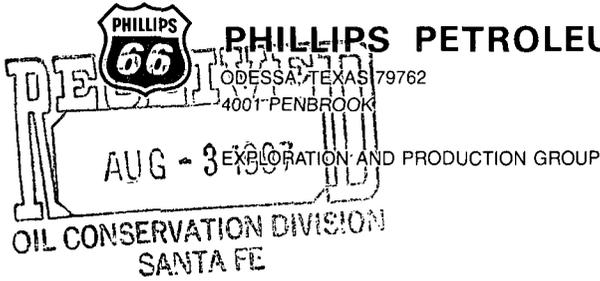
Jerry Sexton
Jerry Sexton
Supervisor, District 1

/ed

Release Dub
Aug 3, 1987

By DEC

NSL-2372
RULE-104 F(1)



July 28, 1987

Order R-5897-Expansion of
Authority by Administrative Action
East Vacuum Grayburg/San Andres Unit,
Well No. 3202-017
Vacuum Grayburg/San Andres Unit
Lea County, New Mexico

New Mexico Department of Energy
Oil and Gas Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Attn: William J. Lemay
Director

Vacuum Grayburg San Andres Pool
40 Acre dedication
SE1/4 NE1/4 Section 32

2000 FU &
100 FE Section 32, T-17 South, R-35 East.

Gentlemen:

Administrative approval, provided by Order No. R-5897 and Statewide Rule 104 F (III) (IV), is requested to permit drilling the unorthodox location of subject well.

There are no offset operators to this proration unit other than Phillips Petroleum Co. However, Exxon Company, USA has been notified by copy of this application according to Statewide Rule 102(c).

Please find attached a project plat identifying all producing and injection wells therein, and a statement explaining the necessity for this location.

Your early consideration is appreciated. Contact me at (915) 367-1488 if you have any questions.

Yours very truly,

Larry M. Sanders, Supervisor
Regulation and Proration

LMS/JD/lsw
REG/PRO6/evgsaul.3

Attachment

cc: New Mexico Dept. of Energy and Minerals
Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico 88240

Exxon Co. USA
P. O. Box 1600
Midland, Texas 79702-1600

| | |
|------------------------|--|
| NO. OF COPIES RECEIVED | |
| DISTRIBUTION | |
| SANTA FE | |
| FILE | |
| U.S.G.S. | |
| LAND OFFICE | |
| OPERATOR | |

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.
A-1320

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|---|--|--|---|
| 1a. Type of Work | | 7. Unit Agreement Name | |
| b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | East Vacuum Gb/SA Unit | |
| DIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 8. Farm or Lease Name | |
| SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | East Vacuum Gb/SA Unit | |
| 2. Name of Operator Phillips Petroleum Company | | 9. Well No. Tract 3202 017 | |
| 3. Address of Operator Room 401, 4001 Penbrook St., Odessa, Texas 79762 | | 10. Field and Pool, or Wildcat Vacuum Gb/SA | |
| 4. Location of Well UNIT LETTER H LOCATED 2000 FEET FROM THE North LINE AND 120 FEET FROM THE East LINE OF SEC. 32 TWP. 17-S RGE. 35-E NMPM | | 12. County Lea | |
| 19. Proposed Depth 4800' | | 19A. Formation Grayburg San Andres | 20. Rotary or C.T. Rotary |
| 21. Elevations (Show whether DF, RT, etc.) 3943.7 GL (Unprepared) | 21A. Kind & Status Plug. Bond Blanket | 21B. Drilling Contractor Advise Later | 22. Approx. Date Work will start Upon approval |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 12-1/4 | 8-5/8 | 24# | 1600' | 1000 sk "C" | Surface |
| 7-7/8 | 5-1/2 | 15.5# | 4800' | 1400 sk "C" | Surface |

Use mud additives as required for control.

BOP Equipment: Series 900, 3000# WP (See attached schematic Figure 7-9 or 7-10)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed W. J. Mueller Title Eng. Supervisor, Reservoir Date 7/27/87

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

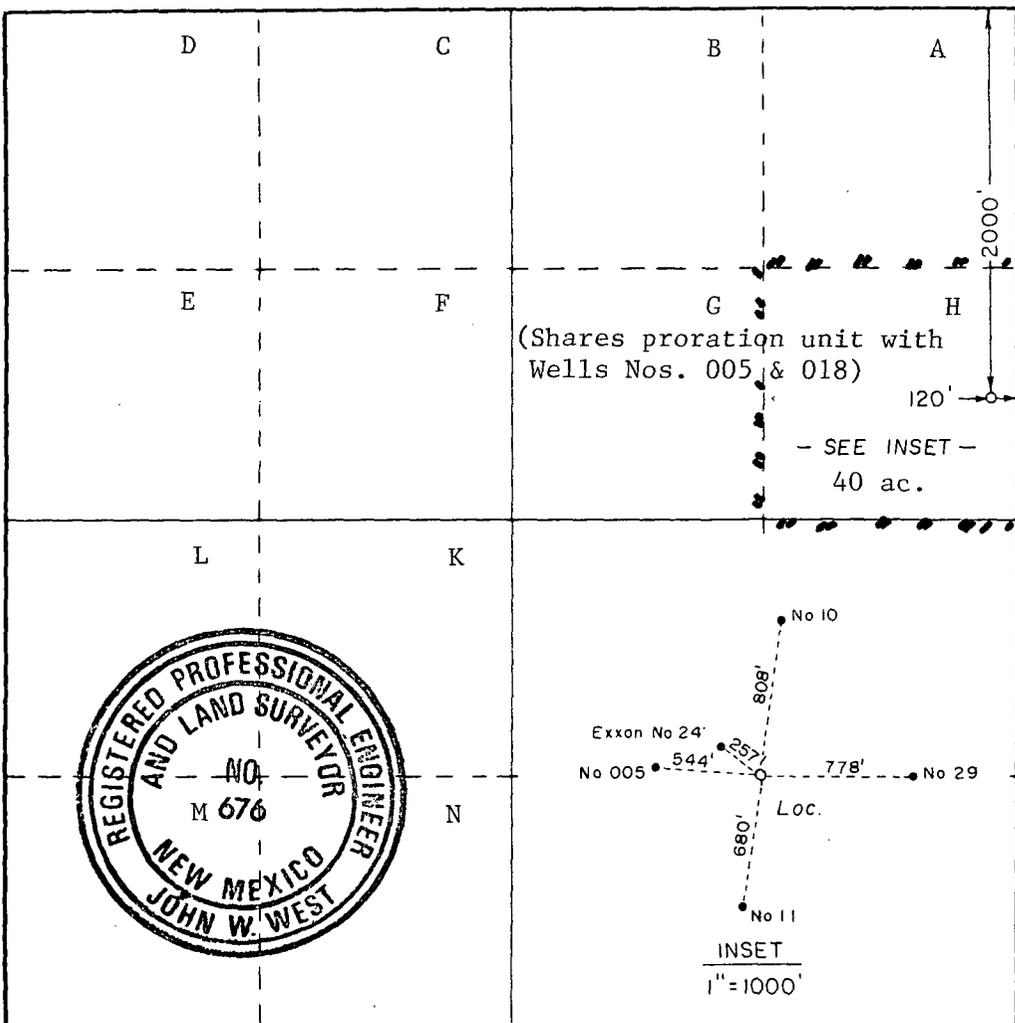
| | | | | | |
|---|---|-----------------------------|-------------------------|---------------------------------------|--|
| Operator Phillips Petroleum Company | | Lease EVGSAU | | Well No. 3202-017 | |
| Unit Letter H | Section 32 | Township 17 South | Range 35 East | County Lea | |
| Actual Footage Location of Well: 2000 feet from the North line and 120 feet from the East line | | | | | |
| Ground Level Elev. 3943.7 | Producing Formation Grayburg San Andres | | Pool Vacuum | Dedicated Acreage: 40 Acres | |

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

W. J. Mueller
Name
W. J. Mueller

Position
Eng. Supervisor, Reservoir

Company
Phillips Petroleum Co.

Date
7/27/87

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

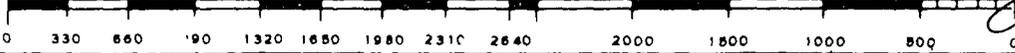
Date Surveyed
July 9, 1987

Registered Professional Engineer and/or Land Surveyor

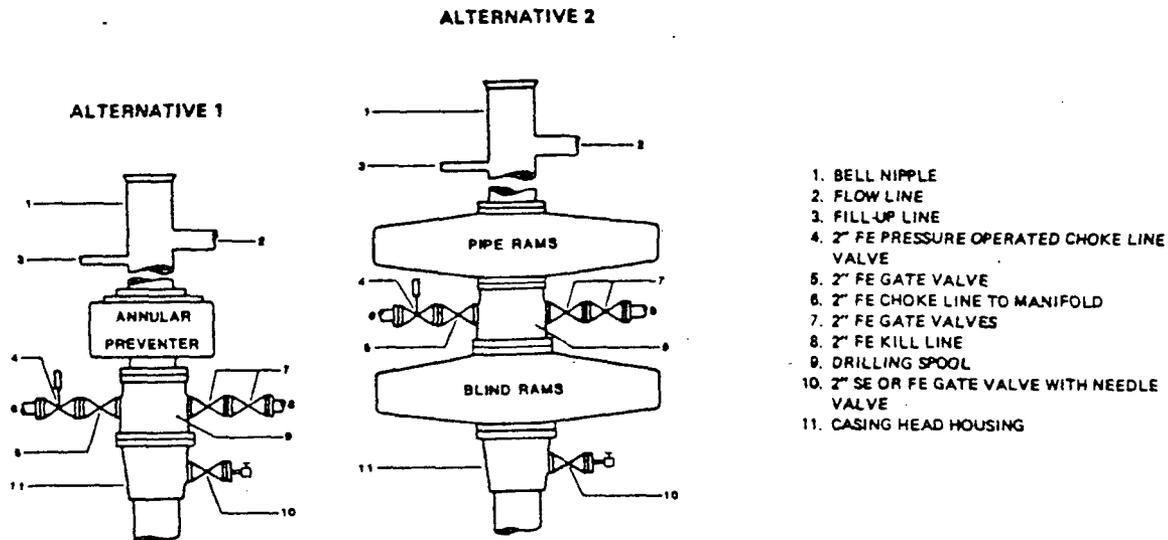
John W. West

Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239

91746



FIELD PRACTICES AND STANDARDS



NOTE: THE DRILLING SPOOL MAY BE LOCATED BELOW BOTH SETS OF RAMS IF A DOUBLE PREVENTER IS USED AND IT DOES NOT HAVE SUITABLE OUTLETS BETWEEN RAMS

Figure 7-9. Standard Hydraulic Blowout Preventer Assembly (2 M or 3 M Working Pressure) Alternative 1

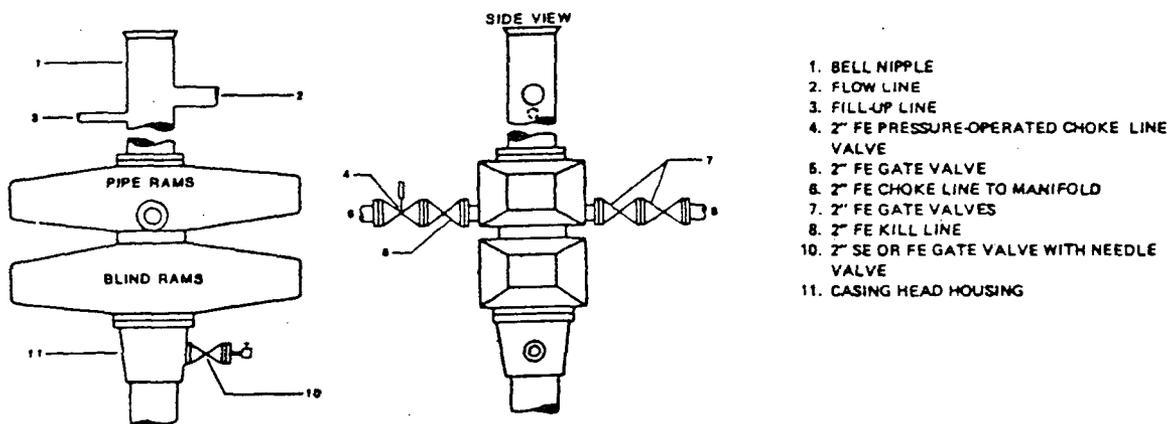


Figure 7-10. Standard Hydraulic Blowout Preventer Assembly (2 M or 3 M Working Pressure) Alternative 3 (without Drilling Spool)



EAST VACUUM GRAYBURG/SAN ANDRES UNIT
Lea County, New Mexico
Well No. 3202-017

The proposed infill producer is required to convert a 40-acre five spot pattern within the WAG Area to a 40-acre inverted nine-spot pattern. The 10-acre infill location will increase the WAG flood efficiency by producing oil currently trapped between adjacent injectors.

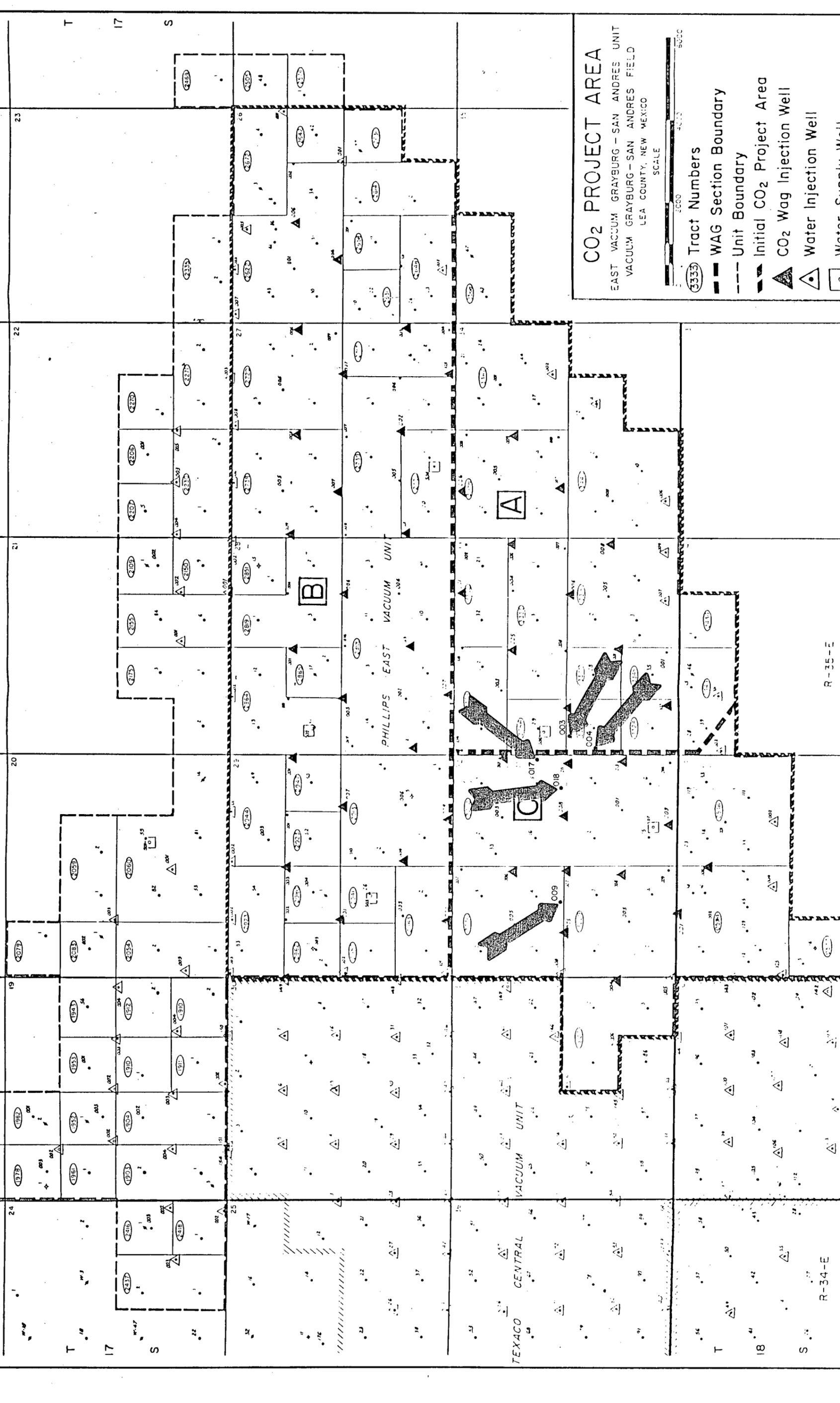
REG/PR06/evgsau

R-35-E

R-34-E

R-35-E

R-34-E



CO2 PROJECT AREA
 EAST VACUUM GRAYBURG - SAN ANDRES UNIT
 VACUUM GRAYBURG - SAN ANDRES FIELD
 LEA COUNTY, NEW MEXICO

SCALE
 0 1000 2000 3000 4000 5000

- (3333) Tract Numbers
- WAG Section Boundary
- - - Unit Boundary
- ▲ Initial CO2 Project Area
- ▲ CO2 Wag Injection Well
- ◻ Water Injection Well
- Water Supply Well

T 17 S

23

22

21

20

19

24

T 17 S

25

B

A

C

PHILLIPS EAST VACUUM UNIT

VACUUM UNIT

TEXACO CENTRAL VACUUM UNIT

T 18 S

25

P 140 239 362

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1984-446-014

PS Form 3800, Feb. 1982

| | |
|---|------------------------|
| Sent to | EXXON CO USA |
| Street and No. | P.O. Box 1600 |
| P.O., State and ZIP Code | Midland, TX 79702-1600 |
| Postage | \$ |
| Certified Fee | |
| Special Delivery Fee | |
| Restricted Delivery Fee | |
| Return Receipt Showing to whom and Date Delivered | |
| Return receipt showing to whom, Date, and Address of Delivery | |
| TOTAL Postage and Fees | \$ |
| Postmark or Date | |

CERTIFIED

P 140 239 362

MAIL